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FC Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE





SopranoRS 101 **VG7000 Series**

User's Manual

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Chapter1. Product Introduction

1.1 Specification

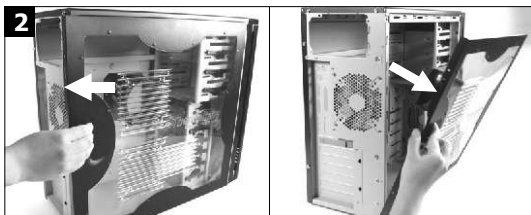
| Model | VG7000BNS | VG7000BWS |
|--|---|--------------------|
| Case Type | Middle Tower | |
| Side Panel | — | Transparent window |
| Net Weight | 6.35 kg / 14 lb | 6.19 kg / 13.65 lb |
| Dimension (H*W*D) | 440.0 x 200.0 x 500.0 mm (17.3 x 7.9 x 19.7 inch) | |
| Cooling System | Front (Intake) : 120 x 120 x 25 mm (optional) Rear (Exhaust) : 120 x 120 x 25 mm, 1300rpm, 17dBA | |
| Drive Bays - Accessible - Hidden | 11 4 x 5.25", 2 x 3.5" 5 x 3.5" | |
| Material | SECC | |
| Color | Black | |
| Expansion Slots | 7 | |
| Motherboards | Micro ATX , Standard ATX | |
| I/O Ports | USB 2.0 x 2, MIC & Speaker | |

Chapter 2 Case Mechanical Operation

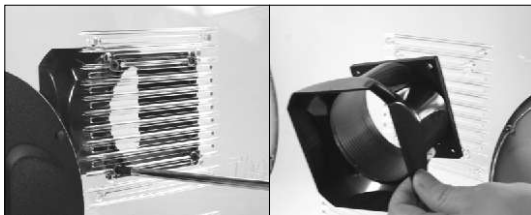
2.1 How to open the side panel



To remove the side panel, please remove upper and bottom thumb screws on the back of the case.



Pull the side panel to release it.

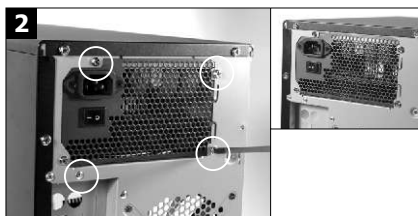


Important Notice:
If the airguide interferes with CPU cooling fan, please remove the CPU air guide as shown.

2.2 How to install PSU



Place power supply unit in the right position.

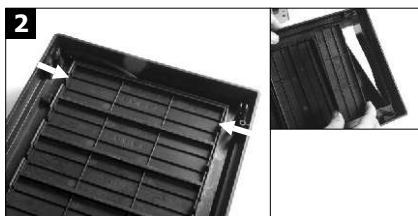


Then, secure it by screws as shown.

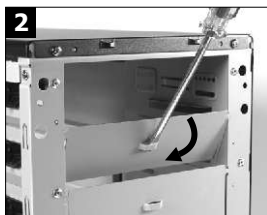
2.3 5.25" device installation



Remove the front door first.



Remove the 5.25" drive bay plastic cover.



Remove the 5.25" drive bay metal cover.



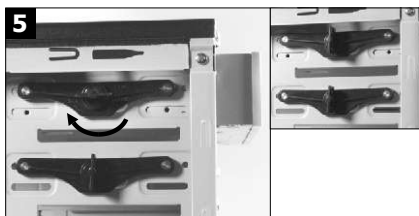
Turn lock device counter-clockwise to unlock and remove lock device.



Insert the device into the 5.25" drive bay.



Find the proper openings.

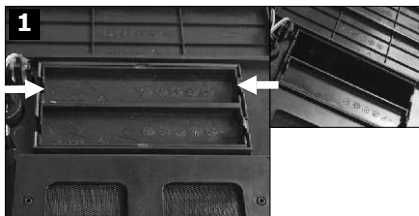


Put back the lock device and turn lock device clockwise to lock.



5.25" device installation complete.

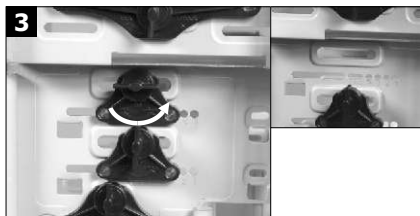
2.4 3.5" device installation



Remove the 3.5" drive bay plastic cover.



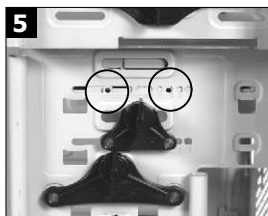
Remove the 3.5" drive bay metal cover.



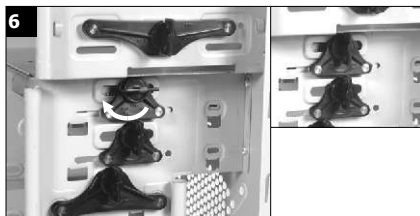
Turn lock device counter-clockwise to unlock and remove lock device.



Insert the device into the 3.5" drive bay.



Find the proper openings.

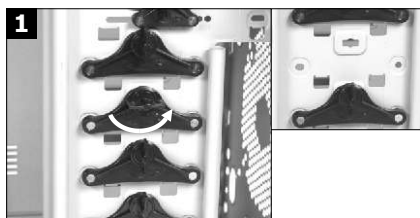


Put back the lock device and turn lock device clockwise to lock.

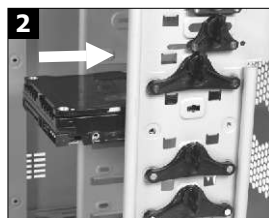


3.5" device installation complete.

2.5 HDD installation



Turn lock device counter-clockwise to unlock and remove lock device.



Place HDD into the drive bay.

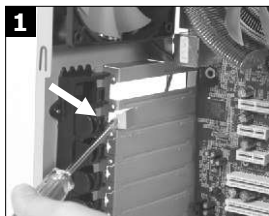


Put back the lock device and turn lock device clockwise to secure the HDD.

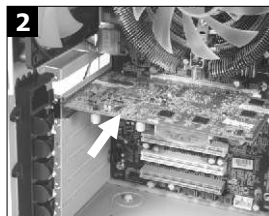


HDD installation complete.

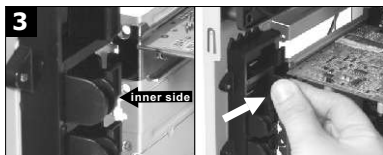
2.6 PCI slot usage



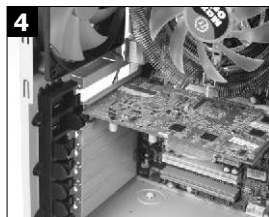
Take off the PCI bracket as shown.



Locate Graphic Card to the motherboard through fixing it on the space of PCI bracket.



Press the inner side of the clip and pull to the right side to lock the Graphic Card as shown.

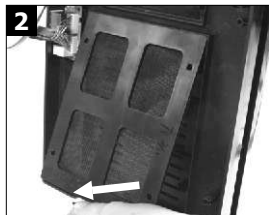


Installation complete.

2.7 Fan filter removal and cleaning



Firstly, open up the whole front door.



Take off the fan grille, then the filter can be removed.

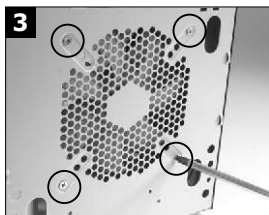
2.8 Front Fan Installation (Optional)



Remove the front door first.



Place the fan as shown.



Secure the fan by screws.



Front fan installation complete.

Chapter3 Motherboard & Leads Installation

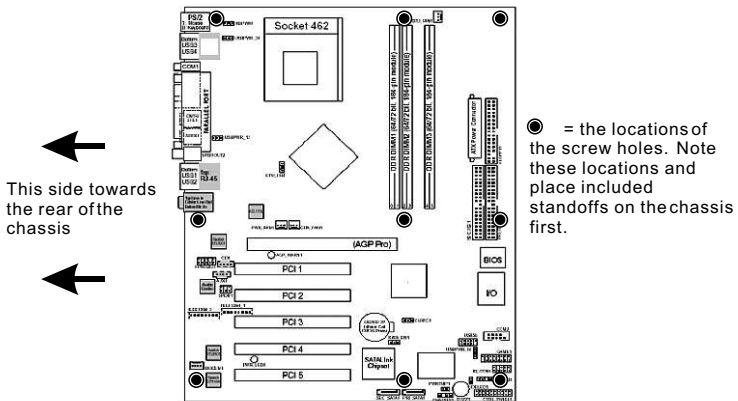
3.1 Motherboard Installation

Each motherboard has different standoff layout. It is highly suggested that you refer to your motherboard's manual when installing motherboard into the Case. The cases are applicable with Standard ATX, Micro ATX motherboards.

Your motherboard may require a special I/O Panel, which should be included with your motherboard.

Placement Direction:

When installing the motherboard, make sure you follow the direction provided by your motherboard manufacturer. On most standard motherboards, the edge with external ports goes to the rear part of the chassis. It is highly recommended that you install CPU, heat sink and modular components before fixing the motherboard inside the chassis.



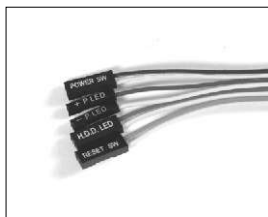
Above illustration is a sample of what the motherboard's layout. For more detail screw hole placement, please refer to your motherboard manual.

3.2 Case LED connections

On the front of the case, you can find some LEDs and switch leads (POWER SW*1, POWER LED*1, H.D.D. LED*1, RESET SW*1).

Please consult user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard. These leads are usually labeled; if not, please trace them back to the case front to find out their source.

- **POWER LED** connects to your M/B at the PLED
- **POWER SW** connects to the PWR connector on the motherboard.
- **H.D.D LED** connects to the 2-pin labeled HDD LED connector.
- **RESET SW** connects to the RSW connector on the motherboard.

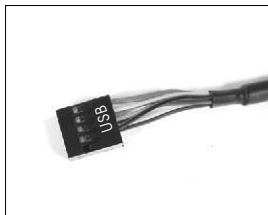


3.3 USB2.0 connection

USB connection

Please consult your motherboard manual to find out the section of "USB connection".

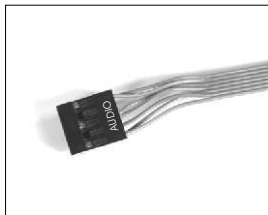
| USB | |
|-------|-------|
| VCC11 | 2VCC2 |
| D1-3 | 4D2- |
| D1+5 | 6D2+ |
| GND7 | 8GND |
| NC 9 | 10KEY |



3.4 Ear & MIC connections

Please consult your motherboard manual to find out the section of "front panel audio connector".

| AUDIO | |
|-----------|------------|
| AUD_GND1 | 2MIC |
| AUD_GND3 | 4MIC_BIAS |
| FP_RET_R5 | 6FP_OUT_R |
| KEY7 | 8AUD_VCC |
| FP_RET_L9 | 10FP_OUT_L |



Chapter4 RSI Cooler and Power Supply

4.1 RSI Cooler (Optional)



P/N : CL-P0441

Designed for Intel Core 2 Duo Processor
Application for Intel Core 2 Duo / Pentium D /
Celeron series (Socket LGA775)

FEATURES:

- Aluminum Crotch Fin provides more heat dissipation area.
- Silent operation.
Optimized solution for low power processors.
- Back plate & Spring Screw mounting method ensure safe installation when shipping.



P/N : CL-P0444

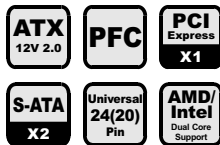
Application for
AMD Athlon 64 X2 / Athlon 64 FX /
Athlon 64 (Socket AM2 / 939 / 754) and
Sempron (Socket AM2 / 754)

FEATURES :

- Perfect ratio aluminum extrusion heatsink for better heat dissipation.
- Tool-less clip, easy installation.
- Silent Solution

4.2 RSI Power Supply (Optional)

Litepower 400W



P/N: W0161 W/PFC



P/N: W0162 No PFC

FEATURES:

- Intel ATX 12V 2.0 Compatible.
- Supports 6-pin PCI-Express, 2 SATA, and 20+4 pin connector.
- Dual +12V output circuit provides steady output for system.
- Super quiet and stable 12cm ball bearing fan.
- Build-in Over Current Protection, Over Voltage protection, and Short-Circuit protection.
- Safety : UL, CUL, CE, NEMKO, TUV+CB, BSMI, FCC certification.